

STATINTL COMMENTS ON MEMOS TO

STATINTL Ref. [ ] MEMO.

- 1.) THICKNESS: THE THICKNESS OF CHUTES BEING TESTED ARE AS PROPOSED  $5\frac{3}{4}$  INCHES AS MEASURED IN THE PAST AND 5 INCHES AT THE BOTTOM WHEN PROPERLY PACKED. REGARDLESS OF HOW THICK THE CHUTES ARE THEY COMPARE WITH THE EVALUATION MOCKUP, WHICH THE DRIVERS AGREE WILL DO THE JOB FOR THEM.
- 2.) WIDTH: THIS CONDITION NO LONGER EXISTS SINCE THE PARACHUTES ARE BEING PACKED PROPERLY.
- 3.) THIS APPEARED TO BE NO PROBLEM ON THE STATIC EJECTION OF 7/22/64 IN WHICH ZERO-ZERO CAPABILITY WAS ACHIEVED. THIS WILL BE WATCHED CLOSELY ON THE STATIC EJECTION OF 7/30/64.
- 4.) WE RECOMMEND A PIECE OF WEBBING TYPE XII COND "R" BE ADDED ACROSS BOTTOM PACK FLAP AT ATTACHMENT FOR REINFORCEMENT & CHAFFING.
- 5.) THIS IS BEING ACCOMPLISH FOR INFLIGHT EJECTION RIGS.

- 6) WE DO NOT FEEL THIS IS A PROBLEM.
- 7) WITH PRESENT PACKING TECHNIQUE WE FEEL THAT THE PACK IS NO TIGHTER THAN PRESENT OPERATION PARACHUTES
- 8.) SACRIFICE FLAPS CAN BE PROVIDED TO THE CONFIGURATION OF PRESENT CHUTES. RESULTS OF PREVIOUS TEST PROGRAM SHOWED LITTLE OR NO DIFFERENCE IN RESULTS WHETHER FLAPS WERE USED OR NOT.
- 9.) THE INNER FLAPS ARE LOOSE BUT WE FEEL THE ARE SERVING THEIR INTENDED PURPOSE. WE CAN TIGHTEN THEM WITHOUT COMPROMISING PACKING TECHNIQUE OR FUNCTION IF THIS IS INSISTED UPON.
- 10.) WE DON'T FEEL WEBBING NECESSARY HOWEVER SPACING CAN BE CHANGED TO MEET NEED OF USERS. ADDING WEBBING WILL ONLY DEFEAT THINNING THE PACK.
- 11.) THIS WILL BE COMPLIED WITH ON PRODUCTION UNITS
- 12.) THE TEST PROGRAM TO DATE HAS FAILED TO SHOW THAT THIS IS A VALID POINT.

- 13.) REFERENCE ITEM 7 THIS MEMO. PACK IS NO TIGHTER. PULL FORCE MAY BE SLIGHTLY HIGHER DUE TO 4 PIN VS 3 PIN RIGCORD. TESTS AT STEINTHAL HAS SHOWN THAT THIS RIG WILL MEET PULL REQUIREMENT OF MANUAL FUNCTIONS PER MIL-P-6055 WHICH IS 27 LB. MAX.
- 14.) THIS WILL BE COMPLIED WITH ON OUR PRODUCTION UNITS.
- 15.) PACKING DURING THE TEST PROGRAM TO DATE HAS NOT SHOWN THIS TO BE A PROBLEM.
- 16.) SHEET METAL COVERS WILL BE SUPPLIED ON OUR PRODUCTION UNITS
- 17.) THIS HAS NOT PROVED TOO SERIOUS A PROBLEM WITH A LITTLE EXPERIENCE IN REMOVAL AND INSTALLATION
- 18.) INFLIGHT EJECTION TEST RIGS WILL HAVE A NEWLY TAILORED PACK.
- 19.) MR. SHEPPARDSON PER TELECON OF 7/28/64 DOES NOT FEEL THIS IS A PROBLEM SINCE RECOVERY WAS ACHIEVED.
- 20.) HARNESS HAS BEEN STATICALLY PULLED UP TO 8500-9000 LBS. FROM PER

ACTUATORS:

- 1.) PAN WAS AND WILL BE SUPPLIED FOR ANY FURTHER TESTING REQUIRED BY C&J.
- 2.) WILL INVESTIGATE AND TIGHTEN ALL POSSIBLE ON PRODUCTION RIGS
- 3.) AGREED (PSC)

STATINTL REF  MEMO.

1.) A.) PAN WILL BE SUPPLIED.

B.) (PSC ACTION)

C.) (PSC ACTION)

D.) I DO NOT FEEL THAT IS A PROBLEM. DETENT WILL BE RELOCATED 10° PER AGREEMENT WITH N. BICE PSC.

2. A.) RESERVE JUDGEMENT UNTIL COMPLETION OF LIVE JUMPS — SO FAR NO PROBLEM ON LIVES.

B.) SO FAR NO PROBLEM ON LIVE JUMPS

C.) WILL BE INCORPORATION ON PROD RIGS

3. A.) C&J ACTION

B.) C&J ACTION

C.) RESERVE JUDGEMENT UNTIL EJECTION  
TESTS COMPLETE

D. WILL DO <sup>✓</sup> FURTHER INVESTIGATION  
NOW BEING CONDUCTED TO IMPROVE  
EVEN MORE

E. C&J ACTION

F. WILL INVESTIGATE

4. REFER TO

STATINTL

PSC ACTUATOR FAILURE REPORT

I DO NOT AGREE WITH CONCLUSIONS  
AS STATED. FURTHER WRITTEN REPORT  
WILL BE SUBMITTED BY J.K.S.

STATINTL